

Using Simulation to introduce a new ABCDE checklist for Recovery Nurses

Despoina Liotiri¹, Clare Ivermee¹, Melanie Alvis², Christopher Broom³, Huon Snelgrove⁴, Nicholas Gosling⁵, Greg McAnulty⁶

¹Clinical Fellow in Simulation & Anaesthetics, ²Lead Recovery Nurse, ³Simulation Specialist, ⁴Educationalist, ⁵Manager of GAPS, ⁶Director of GAPS



Background

Checklists:

- Safety initiative
- Under-used in healthcare
- Lack of training and a safety culture (Sevdalis *et al.*, 2012)

Aims

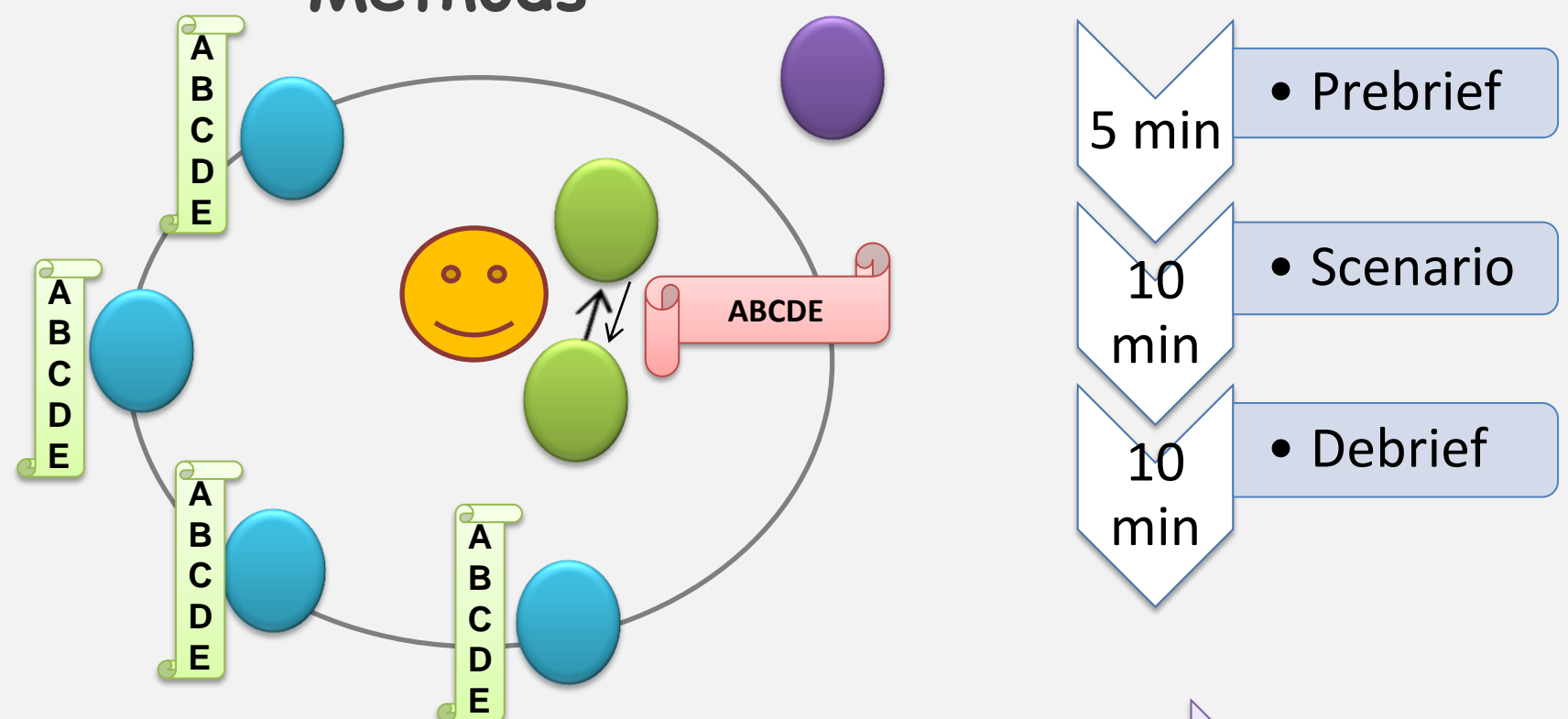
- To introduce an evidence-based ABCDE checklist specifically designed for Recovery Nurses using Simulation-Based Training (SBT)
- To evaluate the effectiveness of this method

Methods

Fishbowl small groups (OHCHR, 2011)

The **Fish**: inner group, testing & applying of knowledge

The **Bowl**: outer group, peer-observation & feedback skills



25 recovery nurses

Scenario examples

- Hypoglycaemia
- Inadequate reversal of muscle relaxants
- Opioid overdose



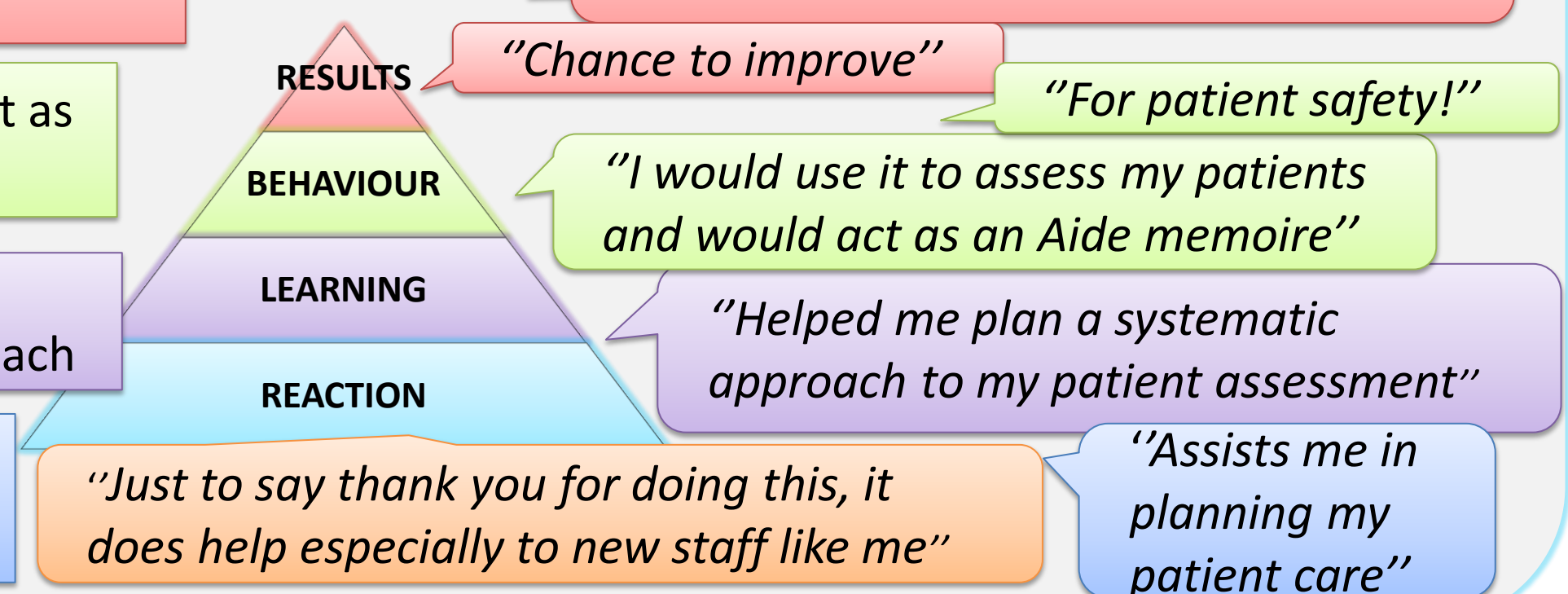
Results

88% would use the checklist for **peer-observation and feedback** in practice

96% would use the checklist as a **guide** in practice

96% felt more **confident** in performing the ABCDE approach

100% found the checklist **useful & relevant**



Discussion

- SBT may overcome the obstacles in the use of checklists
- SBT has been shown to have a greater impact than didactic instruction and distribution of printed materials alone (Bluestone *et al.*, 2013)
- Involving the learners in the development process generates a feeling of ownership which may improve implementation in daily practice

Conclusions

In-situ simulation is an effective tool in the context of checklists to:

- Test usability
- Improve acceptance
- Cultivate attitudes which improve compliance

References

- Bluestone, J., Johnson, P., Fullerton, J., Carr, C., Alderman, J. and Bon Tempo, J. (2013) 'Effective in-service training design and delivery: evidence from an integrative literature review', *Human Resources for Health*, 11(51), pp. 1-26. doi: 10.1186/1478-4491-11-51.
- Office of the High Commissioner for Human Rights (OHCHR) (2011) *Fishbowl - The art of active listening*. Available at: <http://slitoolkit.ohchr.org/data/downloads/fishbowl.pdf> (Accessed: 21 December 2015).
- Sevdalis, N., Hull, L. and Birnbach, J. (2012) 'Improving patient safety in the operating theatre and perioperative care: obstacles, interventions, and priorities for accelerating progress', *British Journal of Anaesthesia*, 109 (1), pp. i3-i16, doi:10.1093/bja/aes391.